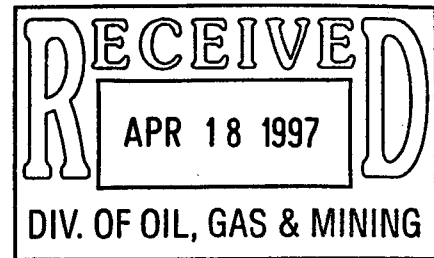


State Of Utah
Division of Oil, Gas and Mining
1594 West North Temple
Suite 1210
P.O. Box 145801
Salt Lake City, 84114-5901
Attn. Michael Hebertson



April 17, 1997

CONFIDENTIAL

Dear Mike

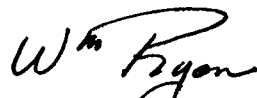
Please find attached APD's for Rosewood Resource, Inc. Rosewood respectfully requests that all information associated with the APD's and production be held confidential.

If you require additional information associated with the APD's please feel free to contact:

William (Bill) Ryan
Rosewood Agent
Rocky Mountain Consulting
Vernal Utah 84078

801-789-0968	Office
801-789-0970	Fax
801-823-6125	Cellular

Yours Truly


William A. Ryan

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☐

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐

GAS
WELL ☒

OTHER

SINGLE
ZONE ☐

MULTIPLE
ZONE ☒

2. NAME OF OPERATOR

Rosewood Resources, Inc.

3. ADDRESS OF OPERATOR

100 Crescent Court, Suite 500, Dallas Tx. 75201

214-871-5729

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1581' FNL, 1956' FWL, SE1/4, NW1/4, Sec. 11, T11S, R23E

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

33.2 MILES SOUTH OF BONANZA, UT

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

1581'

16. NO. OF ACRES IN LEASE

6230

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

2250'

19. PROPOSED DEPTH

6000'

20. ROTARY OR CABLE TOOLS

ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5630'

22. APPROX. DATE WORK WILL START*

April 15, 1997

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	9 5/8	36	300	TO SURFACE
7 7/8	4 1/2	11.6	T.D.	CMT TOP TO COVER THE OIL SHALE

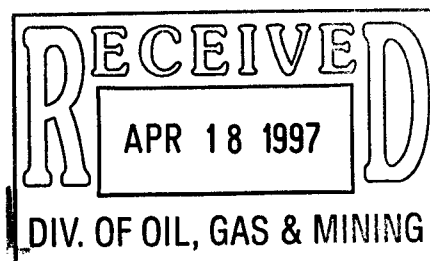
OPERATOR REQUESTS PERMISSION TO DRILL THE SUBJECT WELL
PLEASE SEE THE ATTACHED 10 POINT AND THE 13 POINT SURFACE
USE PLAN.

IF YOU REQUIRE ADDITIONAL INFORMATION PLEASE CONTACT:

WILLIAM A. RYAN
350 S., 800 E.
VERNAL, UTAH
801-789-0968

801-823-6152

CONFIDENTIAL



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

William A. Ryan
WILLIAM A. RYAN

SIGNED

TITLE

AGENT

DATE April 9, 1997

(This space for Federal or State office use)

PERMIT NO.

43-047-32891

APPROVAL DATE

APPROVED BY

John R. Bay

TITLE

Petroleum Engineer

DATE

6/2/97

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

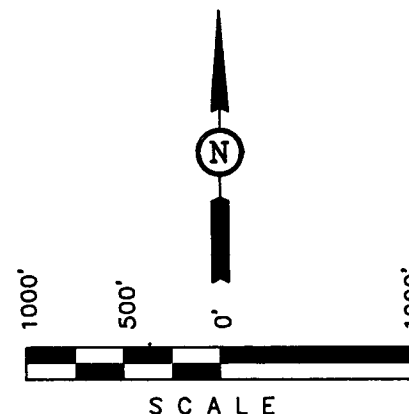
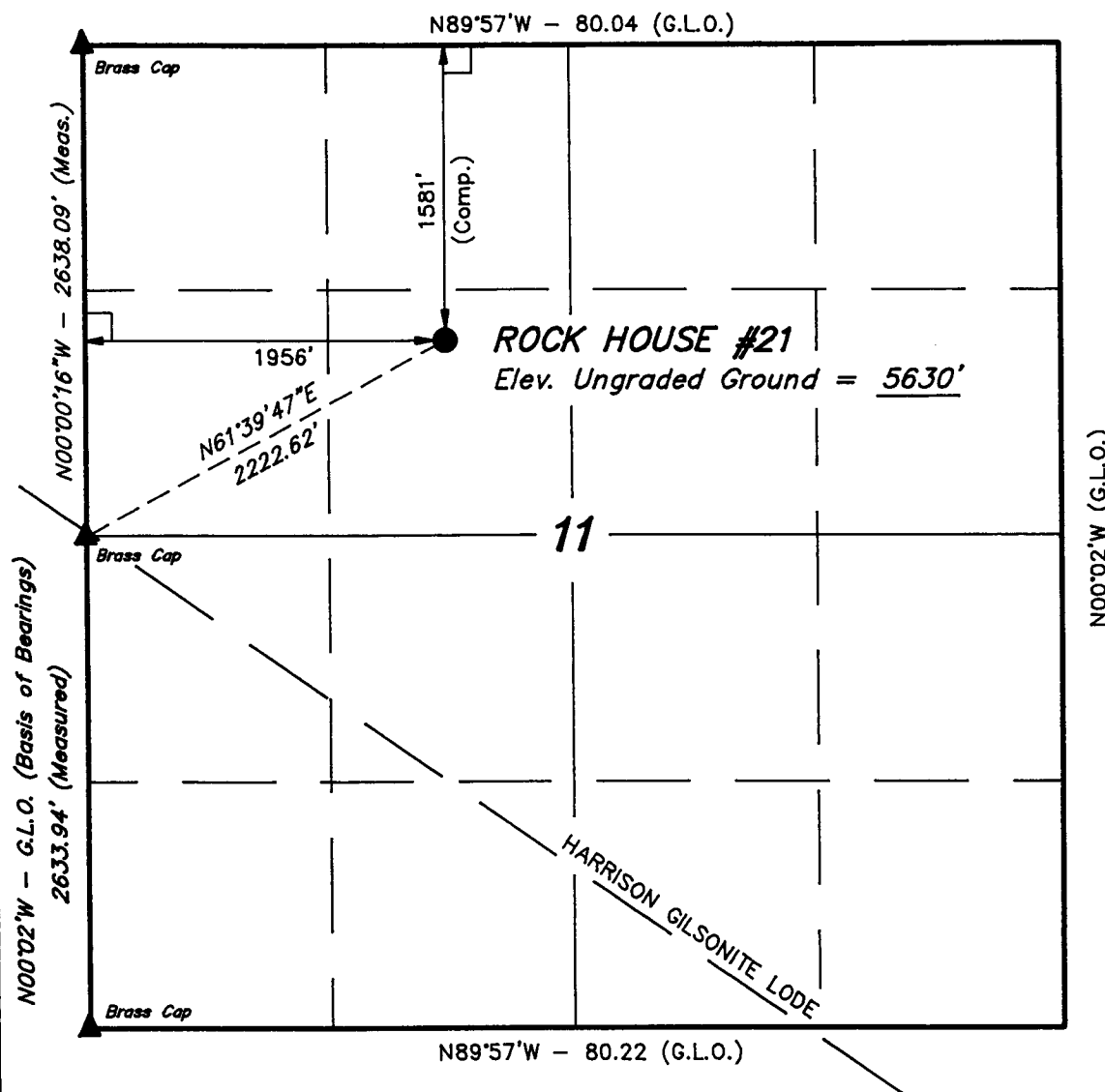
T11S, R23E, S.L.B.&M.

ROSEWOOD RESOURCES, INC.

Well location, ROCK HOUSE #21, located as
as shown in the SE 1/4 NW 1/4 of Section
11, T11S, R23E, S.L.B.&M. Uintah County,
Utah.

BASIS OF ELEVATION

SPOT ELEVATION IN THE NW 1/4 OF SECTION 27,
T11S, R23E, S.L.B.&M. TAKEN FROM THE ARCHY
BENCH SE, QUADRANGLE, UTAH, UINTAH COUNTY,
7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED
BY THE UNITED STATES DEPARTMENT OF THE
INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION
IS MARKED AS BEING 6366 FEET.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Robert L. Fry
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

Revised: 3-27-97 C.B.T.

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(801) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 3-3-97	DATE DRAWN: 3-14-97
PARTY B.B. D.R. C.B.T.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE ROSEWOOD RESOURCES, INC.	

Ten Point Plan

Rosewood Resources, Inc.

Rock House 21
Rock House Unit

Surface Location SE 1/4, NW 1/4, Section 11, T. 11 S., R. 23 E.

1. Surface Formation:

Green River

2. Estimated Formation Tops and Datum:

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Green River	Surface	5,630' G.L.
Oil Shale	630	5,000
Wasatch	3,080	2,550
Mesaverde formation	5,130	500
T.D.	6,000	-370

3. Producing Formation Depth:

Formation objective include the Wasatch and its submembers.

Off Set Well Information:

Off set well:	Gas Well	Rock House Unit #1	Sec. 10, T. 11 S., R. 23.E.
	Gas Well	Rock House Unit #3	Sec. 11, T. 11 S., R. 23.E.
	Gas Well	Rock House Unit 44-14	Sec. 14, T. 11 S., R. 23.E.

4. Proposed Casing :

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight/Ft.</u>	<u>Grade & Tread</u>	<u>Setting Depth</u>	<u>Casing New/Used</u>
12 1/2	9 5/8	36	J-55/STC	300	New
7 7/8	4 1/2	11.6	J-55/LTC	T.D.	Used/inspected

Cement Program:

<u>Casing Cement Size</u>	<u>Type</u>	<u>Cement Amount</u>	<u>Cement Yield</u>	<u>Cement Weight</u>
9 5/8	Class "G"	200 sks.	1.18 cu. ft./sk.	15.6 lbs./gal.

2% Calcium
1/4 #/sk cello flake

Casing Size	Cement Type	Cement Amount	Cement Yield	Cement Weight
4 1/2	Lead Class "G" 3 % salt 16% gell 10# Gilsonite/sk	200 sks	3.90 cu. ft./sk.	11.0 lbs./gal.
	Tail Class "G" 10% salt 10% gypsum 2% WR15 .4 lbs/sk FL 25	500 sks +/-	1.53 cu. ft./sk.	14.8 lbs./gal.

5. BOP and Pressure Containment Data:

The anticipated bottom hole pressure will be less than 3000 psi.

A 3000 psi WP BOP system as described in the BOP and Pressure Containment Data (attached) will be installed and maintained from the 9 5/8" surface casing. The BOP system including the casing will be pressure tested to the minimum standards set forth in "On Shore Order #2". The BOP will be mechanically checked daily during the drilling operation.

6. Mud Program:

Interval	Mud weight lbs/gal.	Viscosity Sec./Qt.	Fluid Loss MI/30 Mins.	Mud Type
0-300	Air/Clear Water	----	No Control	Water/Gel
300-2000	Clear Water	----	No Control	Water/Gel
2000-T.D.	8.4-8.6	30	No Control	Water/Gel

7. Auxiliary Equipment:

Upper Kelly cock, full opening stabbing valve, 2 1/2" choke manifold and pit level indicator.

8. Testing, Coring, Sampling and Logging:

- a) Test: None are anticipated.
- b) Coring: There is the possibility of sidewall coring.

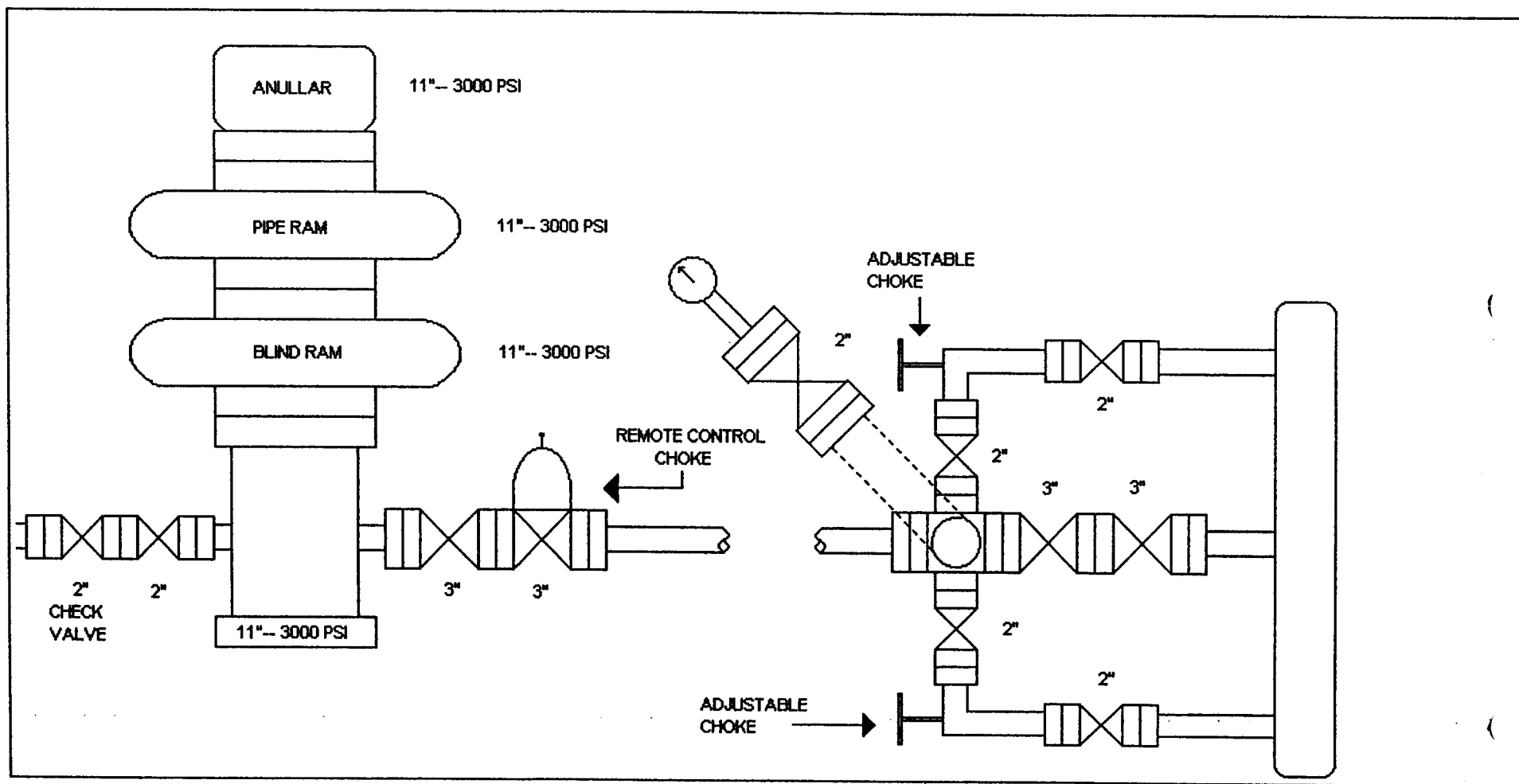
- c) Sampling: Every 10' from 2000' to T.D.
- d) Logging: Type Interval
 DLL/SFL W/GR and SP T.D. to Surf. Csg
 FDC/CNL W/GR and CAL T.D. to Surf. Csg

9. Abnormalities (including sour gas):

No abnormal pressures, temperatures or other hazards are anticipated. Oil and gas shows are anticipated in the Wasatch Formation. Other wells drilled in the area have not encountered over pressured zones or H₂S.

10. Drilling Schedule:

The anticipated starting date is May 15, 1997. Duration of operations expected to be 30 days.



ROSEWOOD RESOURCES, INC.

13 POINT SURFACE USE PLAN

FOR WELL

ROCK HOUSE UNIT #21

LOCATED IN

SE 1/4, NW 1/4

SECTION 11, T. 11 S., R. 23 E., U.S.B.&M.

UINTAH COUNTY, UTAH

LEASE NUMBER: UTU-0778

SURFACE OWNERSHIP: FEDERAL

1. Existing Roads

To reach the Rosewood Resources, Inc., Rock House Unit 21 well location, in Section 11, T11S, R23E, from Bonanza, Utah:

Starting in Bonanza, Utah proceed south on the paved road for 4 miles. Turn south (left) on the Book cliffs road (dirt road). Proceed south 3.9 miles to the Greeks Corrals. Turn west (right) at the fork in the road. Proceed 8.3 miles to the Asphalt Wash sign. Stay to the south (left) of the sign. Proceed .7 miles to the Rainbow sign. Stay to the west (right) of the sign. This is also called the Kings Wells road. Proceed 10.5 miles turn north (right) off the county road. Proceed .7 miles stay to the right at the intersection. Proceed 4.8 miles turn (east) right. Proceed .25 miles to the proposed location and access road.

All roads to the proposed location are State or County maintained roads except the last 5.5 miles of road. Rosewood Resources, Inc. has aquired United Utilities and the right of ways granted to United Utilities. Access to the well will be on said right of way.

Please see the attached map for additional details.

2. Planned access road

The proposed location is adjacent to an existing road. Please see the attached location diagram to see that the location will be shortened up to accomadate the access road. In addition a water bar will be constructed on the existing road above the location. The water bar is required to keep water from the access road to the wells above the proposed location from washing out the access road. Please not that the road is being washed out 300-400 feet above the proposed location. Contact Byran Tolman with the BLM or Bill |Ryan with Rocky Mountain Consulting for details for construction of the water bar.

Please see the attached location plat for additional details.

No right of way will be required. All surface disturbance for the road and location will be within the Unit boundary.

3. Location of existing wells

The following wells are located within one mile radius of the location site.

A) Producing wells

Gas Well	Rock House Unit #1	Sec. 10, T. 11 S., R. 23.E.
Gas Well	Rock House Unit #3	Sec. 11, T. 11 S., R. 23.E.
Gas Well	Rock House Unit 44-14	Sec. 14, T. 11 S., R. 23.E.

B) Water wells None

C) Abandoned wells None

D) Temporarily abandoned wells None

E) Disposal wells None

F) Drilling wells None

G) Shut in wells None

H) Injection wells None

I) Monitoring or observation wells None

Please see the attached map for additional details.

4. Location of tank batteries, production facilities, and production gathering service lines.

All production facilities are to be contained within the proposed location site. Please see the attached plat plan for a typical gas well separator installation and well site piping.

All permanent (on site for more than six months or longer) structures constructed or installed will be painted a desert brown color. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded. The required paint color is Desert Brown (10 YR 6/4).

All tanks will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank in the battery. The integrity of the dike will be maintained.

The operator will adhere to all site security guidelines and regulations identified in 43 cfr 3126.7.

All off lease storage, off lease measurement, commingling on lease or off lease, of production, will have prior written approval from the authorized officer.

A proposed surface gas line will be constructed and tie into an existing 4" line. The pipe line will be 1500' long. Please see the attached location diagrams for pipe line location. There will be no additional surface disturbances required for the installation of a gathering line. The line will be a 2" or 4" steel line.

The gas meter run will be located within 500' of the well head. The gas line will be buried or anchored down from the well head to the meter. Meter runs will be housed and/or fenced.

The gas meter will be calibrated and the tank strapped in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The authorized officer will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration report will be submitted to the BLM's Vernal District office. All measurement facilities will conform with API and AGA standards for gas and liquid hydrocarbon measurement.

5. Location and type of water supply

Water for drilling and cementing the subject well will be hauled by truck from Rosewoods water station in Section 13, T11S, R23E. A second location may be used, it would be Evacuation Creek permit # 49-1595. The Evacuation Creek distribution point is in Section 7, T11S, R25E. Water for completion will come from the same supply or Vernal City.

6. Source of construction materials

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. Additional road gravels or pit lining material will be obtained from private sources.

7. Methods for handling waste disposal

A) Pit construction and liners:

The reserve pit will be approximately 10 ft. deep and most of the depth shall be below the surface of the existing ground. Please see the attached plat for details.

The reserve pit will not be lined unless the pit is blasted or soil conditions would warrant a pit liner.

The reserve pit will not be used to store water for drilling. A semi-closed system will be used to drill the well. All fresh water for drilling will come from a frac tank placed on location and from the rig tank. The pit will be used to hold non-flammable materials such as cuttings, salt, drilling fluids, chemicals, produced fluids, etc.

B) Produced fluids:

Produced water will be confined to the reserve pit, or if deemed necessary, a storage tank for a period not to exceed 90 days after initial production. During the 90 day period an application for approval for a permanent disposal method and location will be submitted to the authorized officer.

C) Garbage:

A trash cage fabricated from expanded metal will be used to hold trash on location and will be removed to an authorized land fill location.

D) Sewage:

A portable chemical toilet will be supplied for human waste.

E) Site clean-up

After the rig is moved off the location the well site area will be cleaned and all refuse removed.

8. Ancillary facilities

There are no ancillary facilities planned for at this time and none are foreseen for the future.

9. Well-site layout

Location dimensions are as follow:

A)	Pad length	310 ft.
B)	Pad width	145 ft.
C)	Pit depth	10 ft.
D)	Pit length	180 ft.
E)	Pit width	50 ft.
F)	Max cut	32.0 ft.

G)	Max fill	22.0 ft.
H)	Total cut yds	12,500 cu. yds.
I)	Pit location	south side
J)	Top soil location	west side
K)	Access road location	east end
L)	Flare pit	south west corner

Please see the attached location diagram for additional details.

Please note that the reserve pit backfill and spoils stockpile has been moved on the location plats. In addition the top soil pile has been moved.

All pits will be fenced according to the following minimum standards:

- A) Thirty nine inch net wire shall be used with at least one strand of wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.
- B) The net wire shall be no more than 2 inches above the ground. The barbed wire shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C) Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- D) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 ft.
- E) All wire shall be stretched by using a stretching device before it is attached to the corner posts.

10. Plans for restoration of the surface

Prior to construction of the location, the top 6 inches of soil material will be stripped and stockpiled. This will amount to approximately 1,000 cubic yards of material. Placement of the top soil is noted on the attached location plat. When all drilling and completion activities have been completed the unused portion of the location (the area outside the dead men.) will be recontoured and the topsoil spread over the disturbed area.

The dirt contractor will be provided with an approved copy of the surface use plan prior to construction activities.

Any drainage rerouted during the construction activities shall be restored to its original line of flow or as near as possible.

All disturbed areas will be recontoured to the approximate natural contours. Prior to back filling the pit the fences around the reserve pit will be removed.

The reserve pit will be reclaimed within 90 days of well completion. If the reserve pit has not dried sufficiently to allow back filling, an extension on the time requirement for back filling the pit will be requested. Once reclamation activities have begun, they shall be completed within 30 days.

After the reserve pit has been reclaimed, no depressions in the soil covering the reserve pit will be allowed. The objective is to keep seasonal rain fall and run off from seeping into the soil used to cover the reserve pit. Diversion ditches and water bars will be used to divert run off as needed.

When restoration activities have been completed, the location site and new access road cuts and shoulders shall be reseeded. Prior to reseeding, all disturbed areas will be scarified and left with a rough surface.

A) Seeding dates:

After September 15, and before the ground freezes.

Seed will be broadcast or drilled at the time specified by the BLM. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage and the seed mixture will be proportionately larger (double the lbs. per acre).

At such time as the well is plugged and abandoned the operator will submit a surface reclamation plan to the surface management agency for prescribed seed mixture and reseeding requirements.

11. Surface ownership:

Access road	Federal
Location	Federal
Pipe line	Federal

12. Other information

A) Vegetation:

The vegetation coverage is slight. The majority of the existing vegetation consists of sage brush. Rabbit brush, bitter brush and indian rice grass are also found on the location.

B) Dwellings:

There are no dwellings, or other facilities within a one mile radius of the location.

C) Archeology:

The location has been surveyed. A copy of that survey will be forwarded to your office.

If, during operations, any archaeological or historical sites, or any objects of antiquity (subject to the antiquities act of June 8, 1906) are discovered, all operations which would affect such sites will be suspended and the discovery reported promptly to the surface management agency.

D) Water:

The nearest water is the Green River located 3 miles to the north.

E) Chemicals:

No pesticides, herbicides or other possible hazardous chemicals will be used without prior application.

F) Notification:

a) Location construction

At least forty eight (48) hours prior to construction of location and access roads

b) Location completion

Prior to moving on the drilling rig.

c) Spud notice

At least twenty-four (24) hours prior to spudding the well.

d) Casing string and cementing

At least twenty-four (24) hours prior to running casing and cementing all casing strings.

e) BOP and related equipment tests

At least twenty-four (24) hours prior to initialing pressure tests.

f) First production notice

With in five (5) business days after the new well begins, or production resumes after well has been off production for more than ninety 90 days.

H) Flare pit

The flare pit will be located a minimum of 30 feet from the reserve pit fence and 100 feet from the bore hole on the south and west side of the location, between points C and 6 on the location plat. All fluids will be removed from the pit within 48 hours of occurrence.

13. Lessees or Operator's representative and certification

A) Representative

Name:	William A. Ryan
Address:	Rocky Mountain Consulting 350 South, 800 East Vernal, Utah 84078
Telephone:	
Office	801-789-0968
Fax	801-789-0970
Cellular	801-823-6152

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, onshore oil and gas orders, the applicable laws, regulations, and any applicable notices to lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

This drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future aperation.

B) Certification

I herby certify that I, or persons under my direct supervision, have inspected the proposed drill-site and access route, that I am familiar with the conditions which presesently exist, that the statements made in this plan are, to the best of my knowledge and belief, true and correct, and that the work associated with the operation proposed herein will be performed by Freedom Energy, Inc. and

its contractors and subcontractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

Date

April 9, 1997

William A. Ryan

William A. Ryan

Agent

Rocky Mountain Consulting

Onsite Date:

April 8, 1997

Participant on joint inspection:

William Ryan

Byron Tolman

Rocky Mountain Consulting

BLM

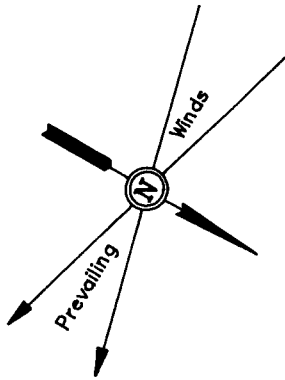
ROSEWOOD RESOURCES, INC.

LOCATION LAYOUT FOR

ROCK HOUSE #21

SECTION 11, T11S, R23E, S.L.B.&M.

1581' FNL 1956' FWL



SCALE: 1" = 50'
DATE: 3-27-97
Drawn By: C.B.T.

②

FLARE PIT



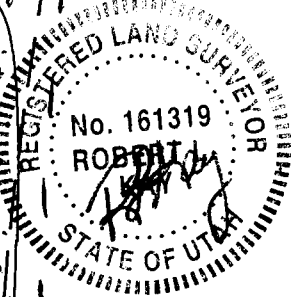
F-1.0'

F-2.0'

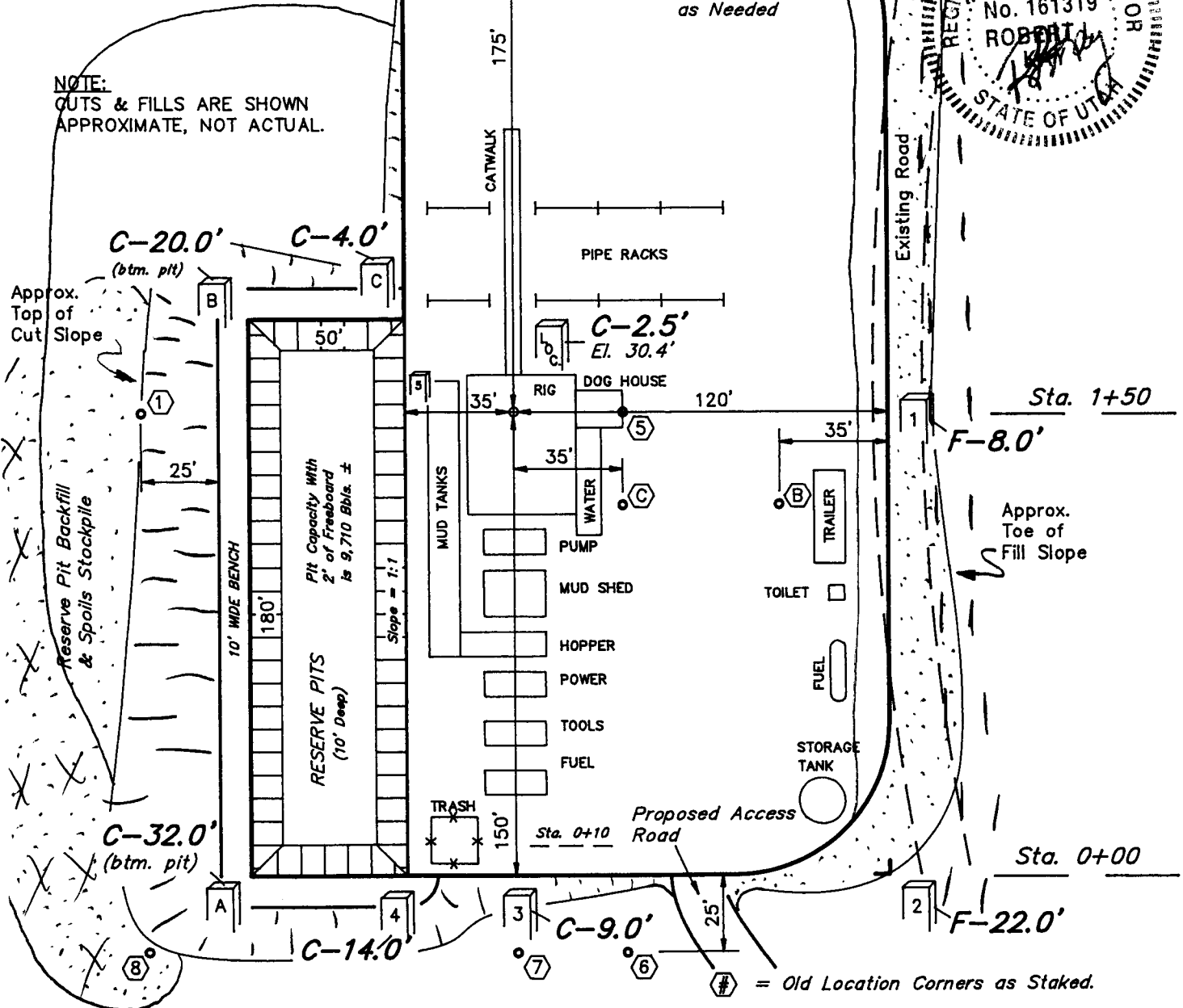
F-12.0'

Topsoil Stockpile

Sta. 3+25



NOTE:
CUTS & FILLS ARE SHOWN
APPROXIMATE, NOT ACTUAL.



Elev. Ungraded Ground at Location Stake = 5630.4'

Approx. Elev. Graded Ground at Location Stake = 5627.9'

= Old Location Corners as Staked.
= New Location Corners. (Not Staked)

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 788-1017

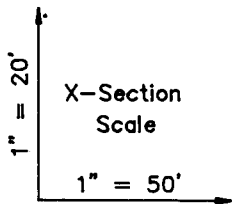
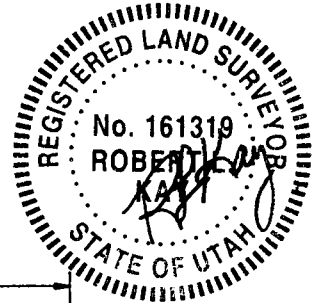
ROSEWOOD RESOURCES, INC.

TYPICAL CROSS SECTIONS FOR

ROCK HOUSE #21

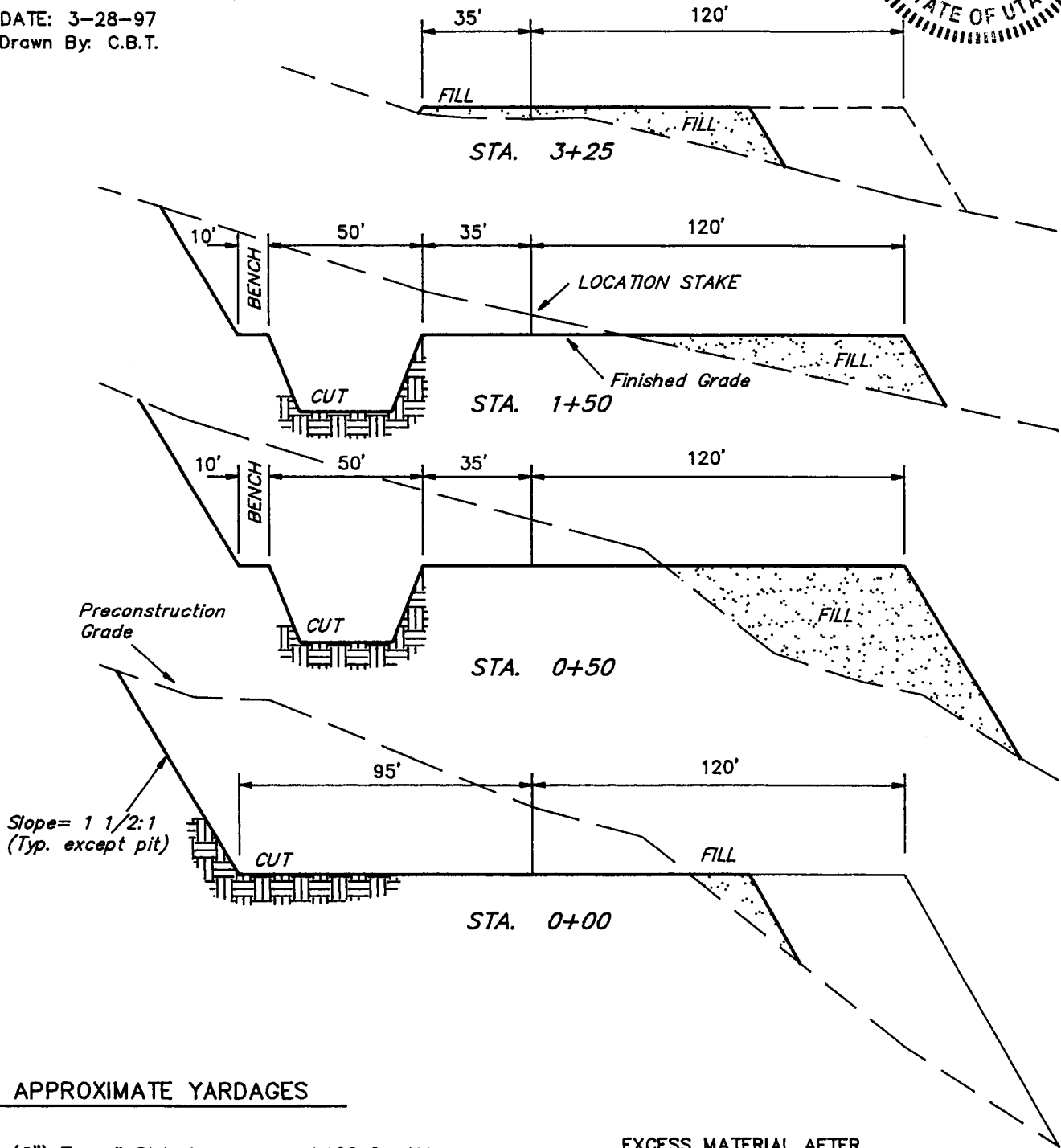
SECTION 11, T11S, R23E, S.L.B.&M.

1581' FNL 1956' FWL



DATE: 3-28-97

Drawn By: C.B.T.



APPROXIMATE YARDAGES

(6") Topsoil Stripping = 1,100 Cu. Yds.

Remaining Location = 11,400 Cu. Yds.

TOTAL CUT = 12,500 CU.YDS.

FILL = 9,620 CU.YDS.

EXCESS MATERIAL AFTER

5% COMPACTION

= 2,370 Cu. Yds.

Topsoil & Pit Backfill
(1/2 Pit Vol.)

= 2,360 Cu. Yds.

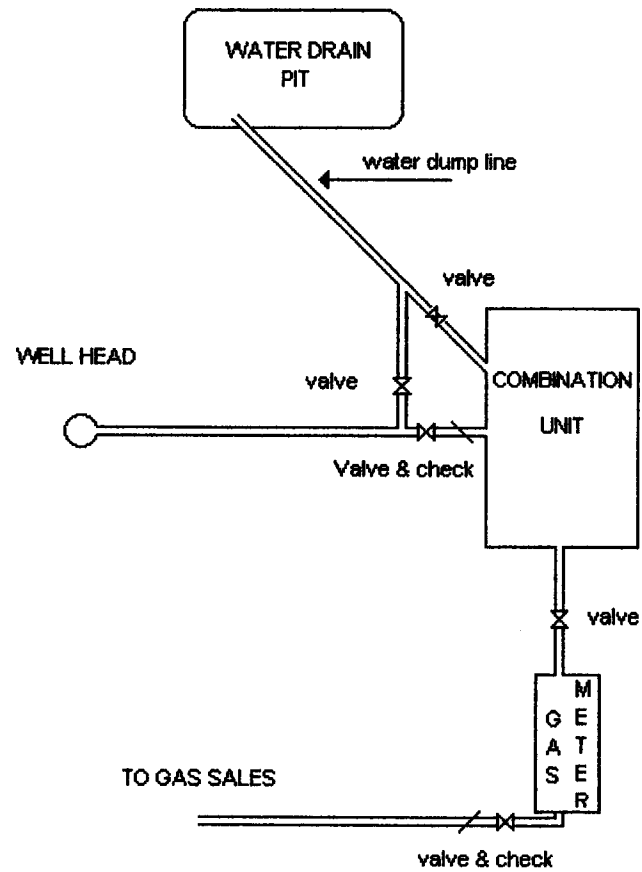
EXCESS UNBALANCE
(After Rehabilitation)

= 10 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING

86 So. 200 East * Vernal, Utah 84078 * (801) 789-1017

ROSEWOOD RESOURCES, INC
TYPICAL
GAS WELL



SELF-CERTIFICATION STATEMENT

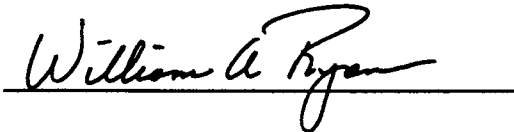
The following self-certification statement is provided per Federal requirements dated June 15, 1988.

Please be advised that Rosewood Resources, Inc., is considered to be the operator of the following well.

**Rock House Unit #21
SE 1/4, NW 1/4, Section 11, T. 11 S., R. 23 E.
Lease UTU-0778
Uintah County, Utah**

Rosewood Resources, Inc., is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage is provided by Certificate of Deposit, BLM Bond #UT-0627.

A handwritten signature in cursive script, reading "William A. Ryan", is written over a horizontal line.

**William A. Ryan
Agent
Rocky Mountain Consulting
350 S. 800 E.
Vernal UT 84078
801-789-0968 Office
801-823-6152 Cell
801-789-0970 Fax**

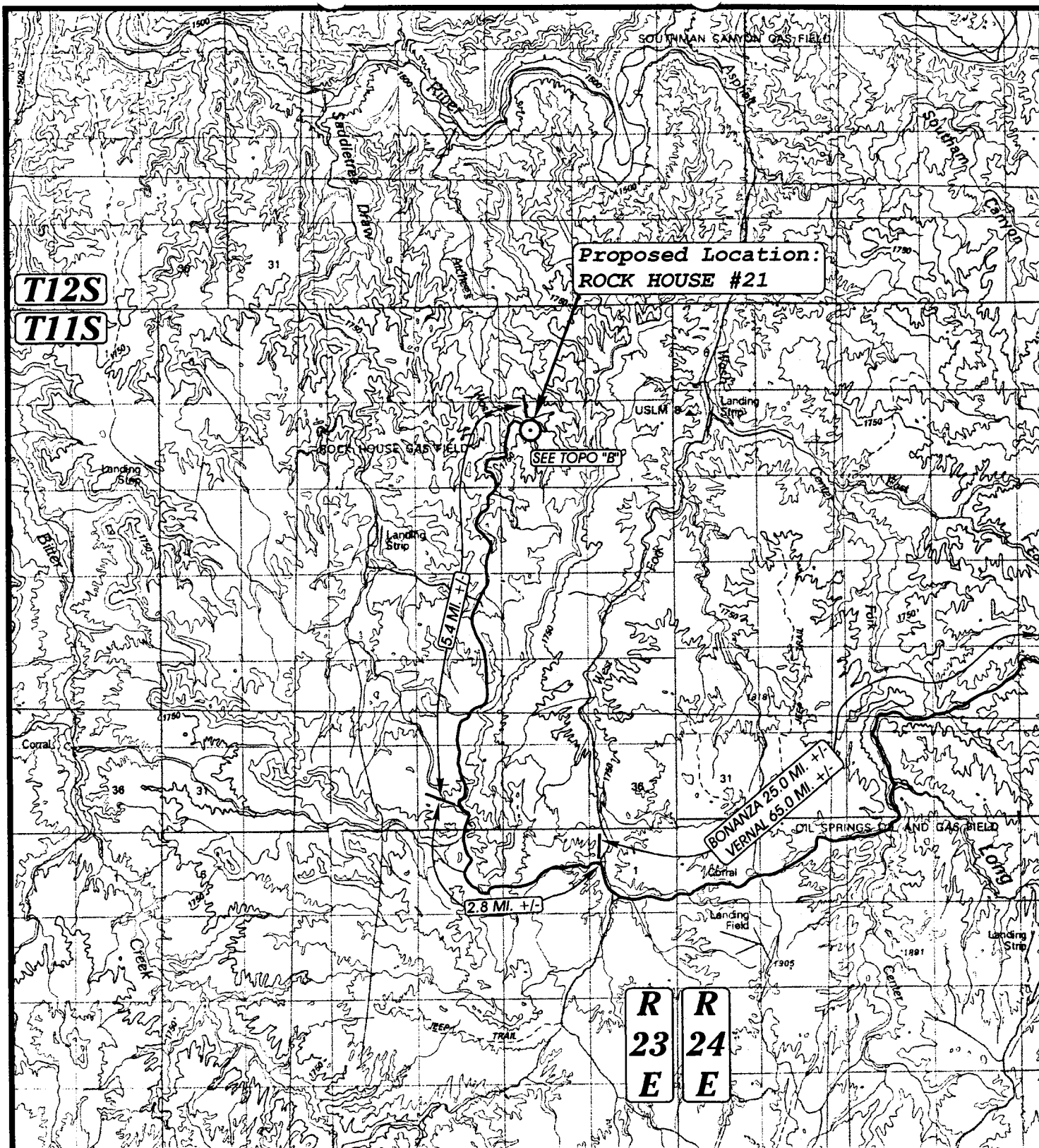
Statement of use of Hazardous Material

No chemical(s) from the EPA's Consolidated list of Chemicals subject to Reporting Under Title III of the Superfund Amendments and Reauthorization, Act (SARA) of 1986. will be used, produced, transported, stored, disposed, or associated with the proposed action, No extremely hazardous substances, as defined in 40 cfr 355, will be used, produced, stored, transported, disposed, or associated with the proposed action.

If you require additional information please contact:

William A Ryan
Agent for Rosewood Resources, Inc.
Rocky Mountain Consulting
350 S. 800 E.
Vernal Utah, 84078

Telephone
(801) 789-0968 office
(801) 823-6152 cellular
(801) 789-0970 fax



UELS

**TOPOGRAPHIC
MAP "A"**

DATE: 3-13-97

Drawn by: J.L.G.

REVISED: 4-4-97 J.L.G.



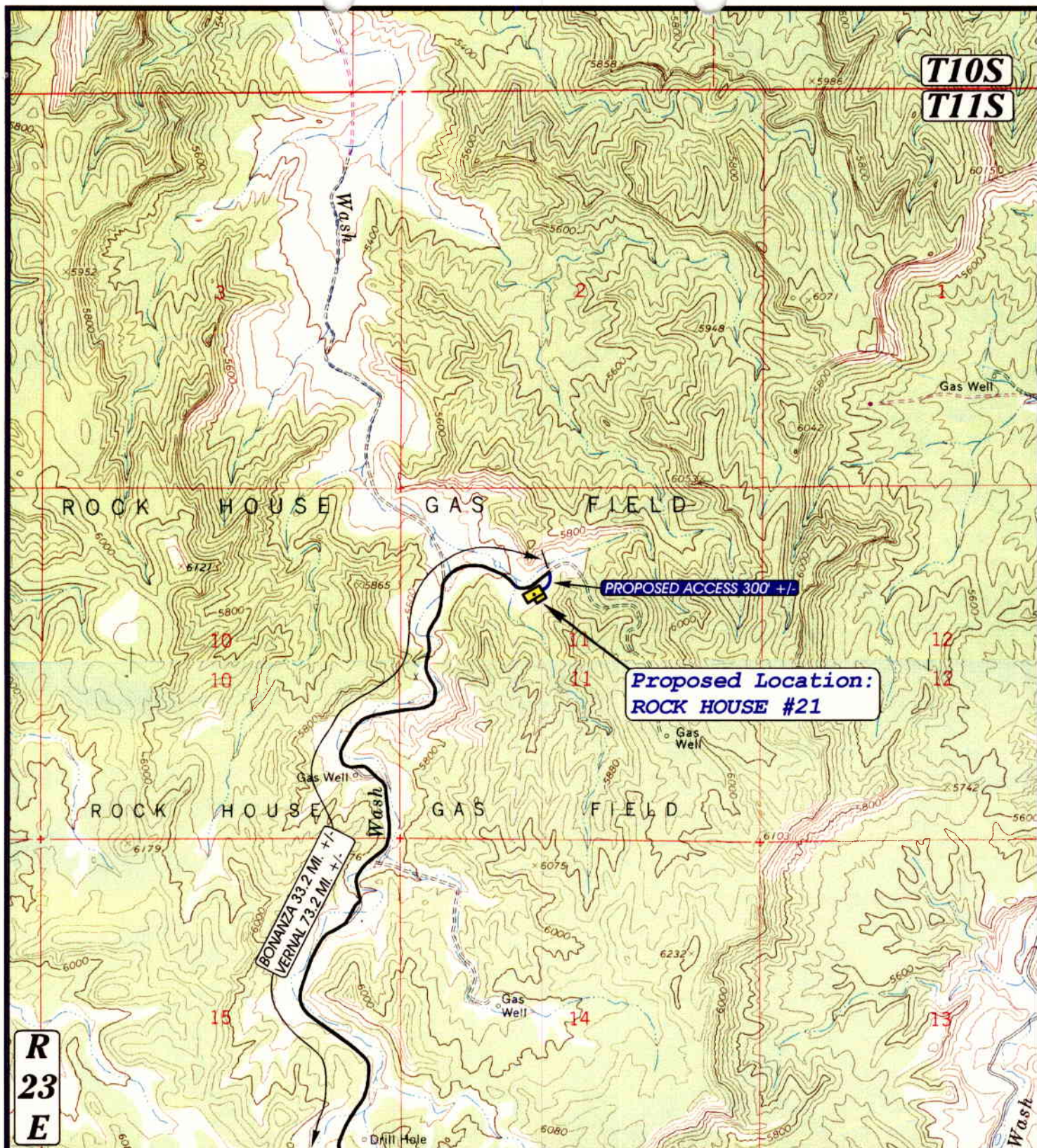
ROSEWOOD RESOURCES INC.

ROCK HOUSE #21

SECTION 11, T11S, R23E, S.L.B.&M.

1581' FNL 1956' FWL

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017



UELS

**TOPOGRAPHIC
MAP "B"**

DATE: 3-13-97

Drawn by: J.L.G.

REVISED: 4-4-97 J.L.G.



ROSEWOOD RESOURCES INC.

ROCK HOUSE #21

SECTION 11, T11S, R23E, S.L.B.&M.

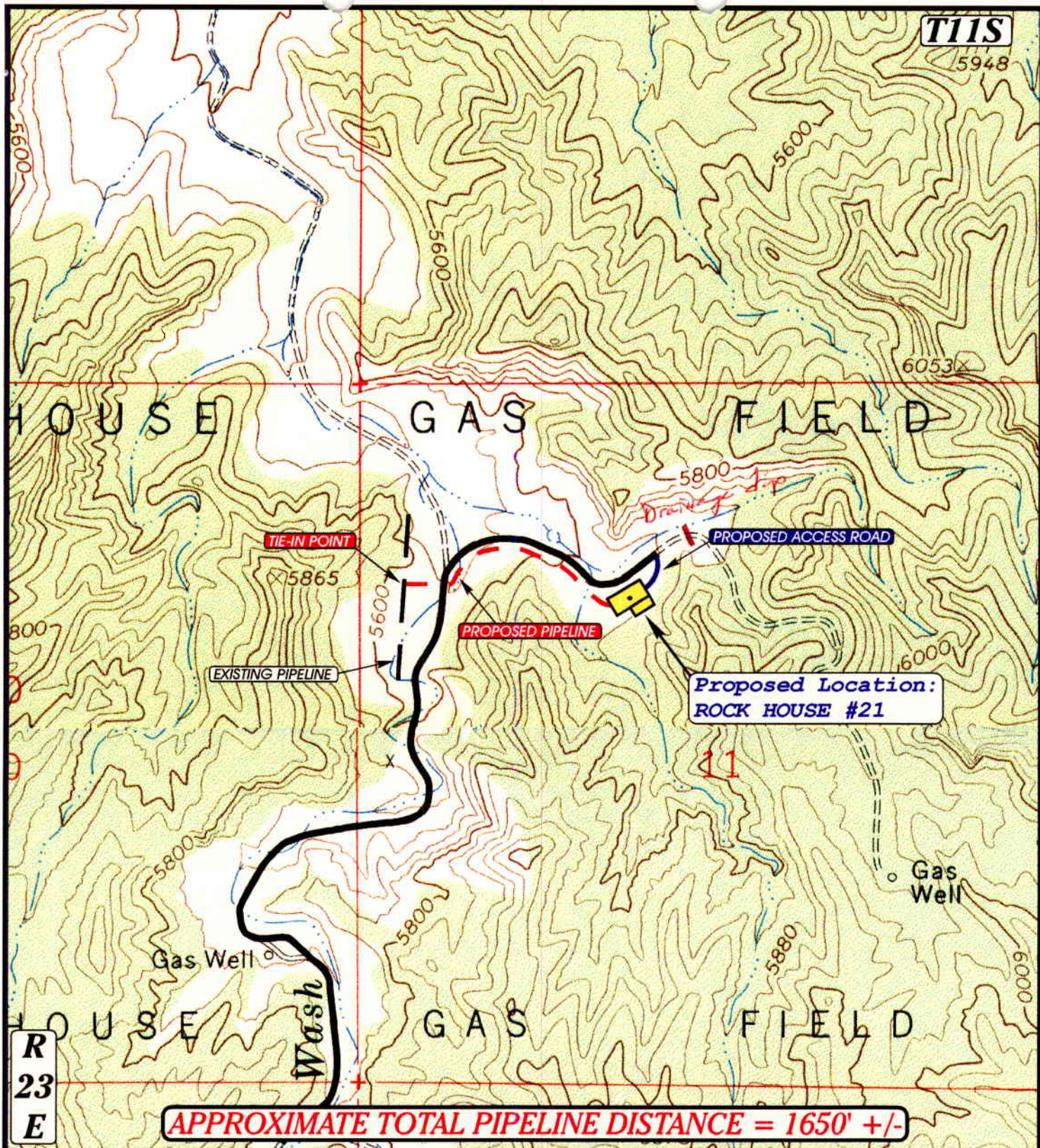
1581' FNL 1956' FWL

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (801) 789-1017

SCALE: 1" = 2000'

T11S

5948



R
23
E

TOPOGRAPHIC
MAP "C"

- — — — — Existing Pipeline
- - - - - Proposed Pipeline



SCALE: 1" = 1000'

ROSEWOOD RESOURCES INC.

ROCK HOUSE #21
SECTION 11, T11S, R23E, S.L.B.&M.

DATE: 3-13-97

Drawn by: J.L.G.

REVISED: 4-4-97 J.L.G.

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/18/97

API NO. ASSIGNED: 43-047-32891

WELL NAME: ROCK HOUSE UNIT #21
OPERATOR: ROSEWOOD RESOURCES (N7510)

PROPOSED LOCATION:

SENW 11 - T11S - R23E
SURFACE: 1581-FNL-1956-FWL
BOTTOM: 1581-FNL-1956-FWL
UINTAH COUNTY
ROCK HOUSE FIELD (670)

LEASE TYPE: FED
LEASE NUMBER: UTU - 0778

PROPOSED PRODUCING FORMATION: MVRD

INSPECT LOCATION BY: / /

TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Federal ☒ State ☐ Fee ☐
(Number UT 0627)
☒ Potash (Y/N)
☒ Oil shale (Y/N)
☒ Water permit
(Number 49-1595)
☒ RDCC Review (Y/N)
(Date: _____)

LOCATION AND SITING:

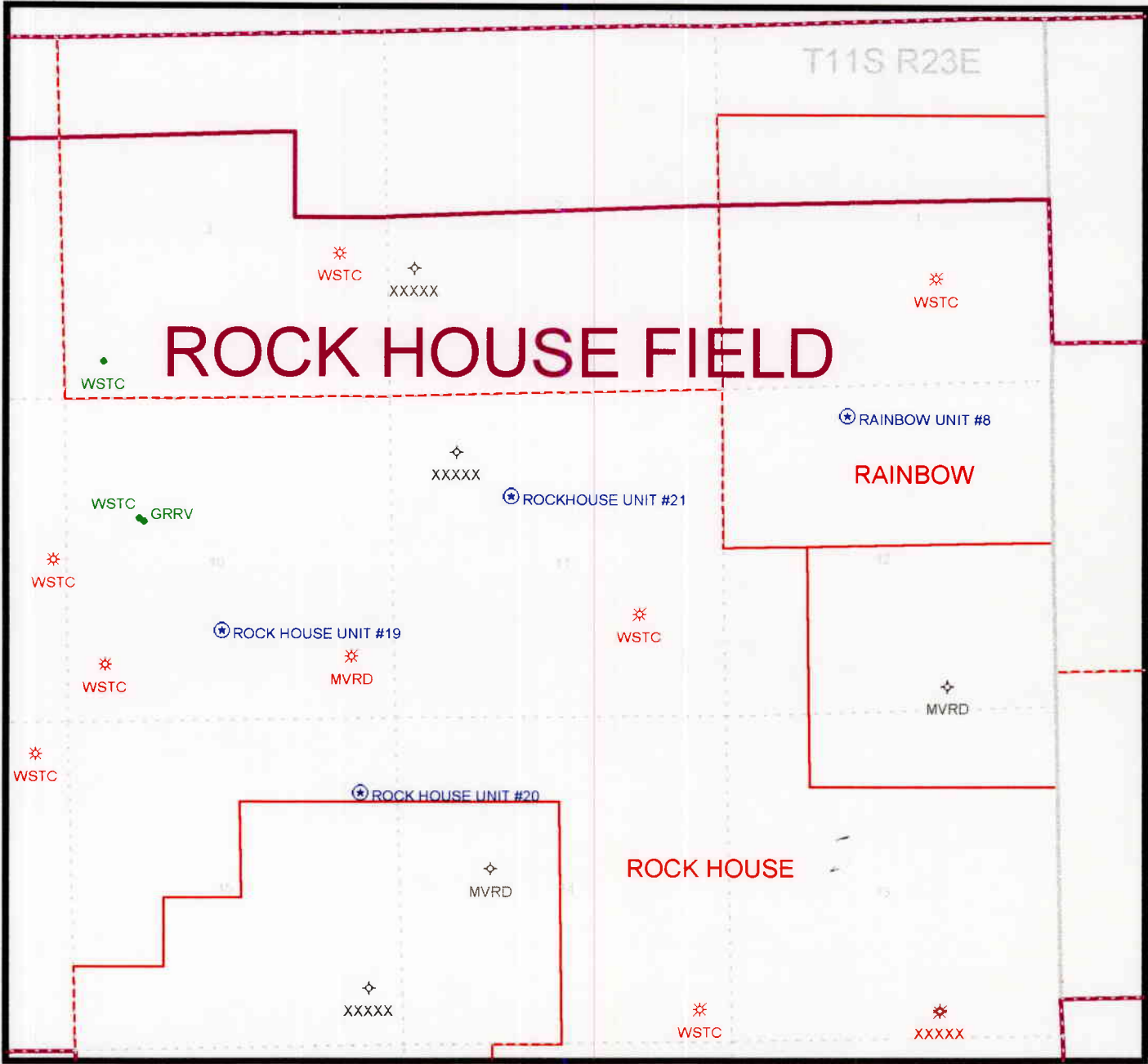
☒ R649-2-3. Unit: ROCK HOUSE UNIT
____ R649-3-2. General.
____ R649-3-3. Exception.
____ Drilling Unit.
Board Cause no: _____
Date: _____

COMMENTS:

Conf. status requested.

STIPULATIONS:

OPERATOR: ROSEWOOD RESOURCES (N7510)
FIELD: ROCK HOUSE (670
SEC, TWP, RNG: 10, 11, 12 T11S, R23E
COUNTY: UINTAH
UAC: R649-2-3



PREPARED:
DATE: 21-APR-97



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

June 2, 1997

Rosewood Resources, Inc.
100 Crescent Court, Suite 500
Dallas, Texas 75201

Re: Rock House Unit 21 Well, 1581' FNL, 1956' FWL, SE NW,
Sec. 11, T. 11 S., R. 23 E., Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-32891.

Sincerely,

Lowell P. Braxton
Deputy Director

lwp

Enclosures

cc: Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator: Rosewood Resources, Inc.
Well Name & Number: Rock House Unit 21
API Number: 43-047-32891
Lease: UTU-0778
Location: SE NW Sec. 11 T. 11 S. R. 23 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact John R. Baza (801)538-5334 or Mike Hebertson at (801) 538-5333.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1A. TYPE OF WORK
DRILL ☐ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☒

2. NAME OF OPERATOR
Rosewood Resources, Inc.

3. ADDRESS OF OPERATOR
100 Crescent Court, Suite 500, Dallas Tx. 75201 214-871-5729

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface
1581' FNL, 1956' FWL, SE1/4, NW1/4, Sec. 11, T11S, R23E
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
33.2 MILES SOUTH OF BONANZA, UT

15. DISTANCE FROM PROPOSED*
LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drilg. unit line, if any)
1581'

16. NO. OF ACRES IN LEASE
6230

17. NO. OF ACRES ASSIGNED
TO THIS WELL
40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.
2250'

19. PROPOSED DEPTH
6000'

20. ROTARY OR CABLE TOOLS
ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5630'

22. APPROX. DATE WORK WILL START*
April 15, 1997

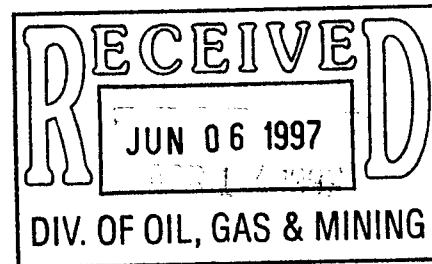
23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	9 5/8	36	300	TO SURFACE
7 7/8	4 1/2	11.6	T.D.	CMT TOP TO COVER THE OIL SHALE

OPERATOR REQUESTS PERMISSION TO DRILL THE SUBJECT WELL
PLEASE SEE THE ATTACHED 10 POINT AND THE 13 POINT SURFACE
USE PLAN.
IF YOU REQUIRE ADDITIONAL INFORMATION PLEASE CONTACT:

WILLIAM A. RYAN
350 S., 800 E.
VERNAL, UTAH
801-789-0968

801-823-6152



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. William A. Ryan
SIGNED WILLIAM A. RYAN TITLE AGENT DATE April 9, 1997

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
APPROVED BY Bryan K. Salina ACTING Assistant Field Manager
CONDITIONS OF APPROVAL, IF ANY: _____ TITLE Mineral Resources DATE JUN 02 1997

NOTICE OF APPROVAL

44050-200-240

*See Instructions On Reverse Side

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Rosewood Resources, Inc.

Well Name & Number: Rockhouse 21

API Number: 43-047-32891

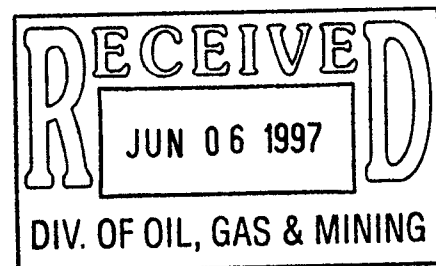
Lease Number: U-0778

Location: SENW Sec. 11 T. 11 S R. 23 E

NOTIFICATION REQUIREMENTS

- Location Construction - at least forty-eight (48) hours prior to construction of location and access roads.
- Location Completion - prior to moving on the drilling rig.
- Spud Notice - at least twenty-four (24) hours prior to spudding the well.
- Casing String and Cementing - at least twenty-four (24) hours prior to running casing and cementing all casing strings.
- BOP and Related Equipment Tests - at least twenty-four (24) hours prior to initiating pressure tests.
- First Production Notice - within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.



CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative by the operator to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office **prior to setting the next casing string or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit to this office any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 3M system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

If conductor pipe is set it will be cemented to surface. If drive pipe is used it will be pulled prior to cementing surface casing.

As a minimum, the usable water shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Mahogany Oil Shale identified at \pm 893 ft.. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to \pm 693 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. One copy of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours prior to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted following initial installation and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approval or notification is necessary, please contact one of the following individuals:

Wayne Bankert (801) 789-4170
Petroleum Engineer

Ed Forsman (801) 789-7077
Petroleum Engineer

Jerry Kenczka (801) 789-1190
Petroleum Engineer

BLM FAX Machine (801) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

SURFACE USE PROGRAM

Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).

The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, and crowning (2 to 3%). Graveling or capping the roadbed will be required as necessary to provide a well constructed safe road. Prior to construction/upgrading, the proposed road surface or existing road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Should mud holes develop, they shall be filled in to prevent detours. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. When snow is removed from the road during the winter months, the snow should be pushed outside of the burrow ditches and the turn outs should be kept clear so that when the snow melts the water will be channeled away from the road.

The operator will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.

Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs).

If the well becomes a producing well and it becomes necessary to blow down the well, the blow down noise should be muffled in order to reduce disturbance to nesting raptors and wintering mule deer and elk in the area.

DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

SPUDDING INFORMATION

Name of Company: ROSEWOOD RESOURCES

Well Name: ROCKHOUSE UNIT 21

Api No. 43-047-32891

Section: 11 Township: 11S Range: 23E County: UINTAH

Drilling Contractor

Rig #

SPUDDED:

Date 6/13/97

Time

How DRY HOLE

Drilling will commence

Reported by D. HACKFORD

Telephone #

Date: 6/16/97 Signed: JLT

✓

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR Rosewood Resources Inc.
ADDRESS 100 Crescent St. Ste 500
Dallas, Tx 75201

OPERATOR ACCT. NO. N 7510

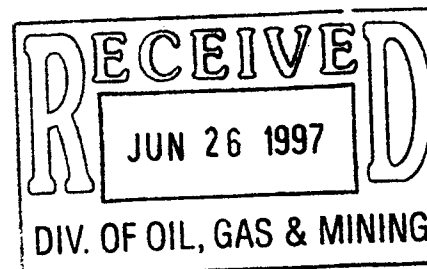
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	02025	43-047-32891	Rockhouse Unit #21	SE NW	11	11S	23E	Uinstah	6/17/97	
WELL 1 COMMENTS: Spud new well in Rockhouse Unit Entity added 7-1-97. (Rock House U / wsto-murd P.A.) Lee											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)



James H. Giville
Signature
Prod. Engr.
Title
6/20/97
Date
Phone No. (214) 871-5723

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

UTU-0778

6. If Indian, Altiote or Tribe Name:

7. Unit Agreement Name:

Rockhouse Unit

8. Well Name and Number:

Rockhouse 21

9. API Well Number:

43-047-32891

10. Field and Pool, or Wildcat:

Rockhouse

1. Type of Well: OIL ☐ GAS ☒ OTHER:

CONFIDENTIAL

2. Name of Operator:

Rosewood Resources Inc.

3. Address and Telephone Number:

100 Crescent Ct. Ste 500 Dallas Tx 75201 (214) 871-5700

4. Location of Well

Footages: 1581 FNH 1956 FWL

QQ, Sec., T., R., M.: SENW Sec. 11 T11S R23E

County: Uintah

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Weekly report of operations</u> | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

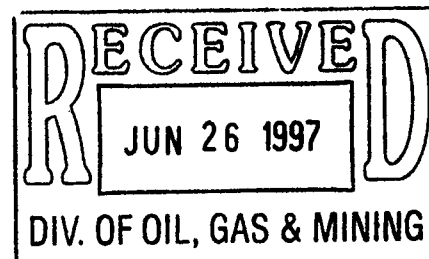
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

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13.

Name & Signature: James McFinnellTitle: Prod. Engr.Date: 6/20/97

(This space for State use only)



BHA=BIT,BIT SUB,25-6" DRILL COLLARS LENGTH = 747'.

ROSEWOOD RESOURCES, INC Daily Drilling Report

LEASE: ROCKHOUSE DATE: 6/18/71 CURRENT DEPTH 1600
WELL NAME 21 TVD

Present Operation: DRILLING @ 1600'

FOOTAGE PAST 24 HRS 1293
ENGINEER D.WIDNER
CONSULTANT BO SHERMAN

FROM TO ACTIVITY PAST 24 HRS:

600	730	PU BHA
730	830	FILL TANKS W/ WATER
830	1000	DRLG CEMENT& SHOE
1000	1230	DRILL 307-374
1230	1300	SERV. RIG
1300	1330	DRILL 374-402
1330	1400	SURVEY @ 361'=1/4 DEG
1400	2000	DRILL 402-880
2000	2015	SURVEY @ 840'=1/2 DEG
2015	2315	DRILL 880-1138
2315	2330	REPAIR ROTARY CHAIN
2330	230	DRILL 1138-1380
230	245	SURVEY @ 1340'=1 DEG
245	400	DRILL 1380-1475
400	415	LD 1 JT WASHED DP
415	600	DRILL 1475 1600

MUD PROPERTIES			
WT	WTR	% OIL	Ca+
VIS		%SAND	CAKE
WL		%SOLID	pH
HTHP		ALK	Daily Mud Cost
PV		Cl-	Cum Mud cost
YP			

DAILY COSTS:

DAYWORK	6700
LOCATION	
ARCHAEOLOGIST	
CONSULTING	
SURVEYOR	
LOGGING	0
MUD LOG	0
CEMENTING	
FISHING	0
WATER	2400
FUEL	0
BITS	0
RENTALS	100
CASING	
SUPERVISION	600

PUMP DATA:

	1	2
MAKE		
MODEL		
LINER		
SPM	60	
PSI	700	

Hydraulics:

WOB	45 K
RPM	104
GPM	310

BIT RECORD:

Bit #	1
Ser#	A70339
Size	7 7/8
Make	REED
Type	HP 53A
Jets	2-14,15
In @	307
Out @	
Feet	1293
Hrs	18
Ft/Hr	72
Cum Hr	18
Grade	

DEPTH DEGREES

361	1/4
840	1/2
1340	1

TOTAL DAILY	9800
COST FORWARD	29576
CUM. TO DATE	39376

ADDITIONAL COMMENTS:

MI RU NABORS RIG 908 ON 6/16/97
NU BOP, TEST TO 3000 PSI

June 30, 1997

Utah Department of Natural Resources
Division of Oil, Gas & Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Re: Uintah County, Utah

Gentleman:

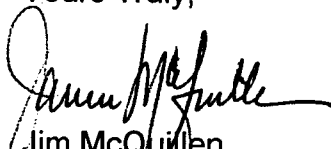
CONFIDENTIAL

Attached are the following items:

- | | |
|----------------------|---|
| 1. Open hole logs - | Marble Mansion Utah 8-1 |
| 2. | Rockhouse Unit 21 4304732891 115 23E 11 DRL |
| 3. Cement Bond log - | Oil Springs 11 |
| 4. | Rockhouse 17 |
| 5. Form 6 - | Rockhouse 20 |

If you have any questions, please contact me at (214) 871-5723.

Yours Truly,


Jim McQuillen
Production Engineer

ROSEWOOD RESOURCES**DAILY COMPLETION REPORT**LEASE: ROCKHOUSE
WELL NAME 21

DATE: 7/22/97

CURRENT

DEPTH 5700

ENGINEER

D.WIDNER

PERFS 4842'-4850'
4510'-4514', 4490'-4500'
RBP 4747
PACKER 4450
EOT 4463

SITP 1900 PSI. OPENED ON 14/64 CHOKE. FLOWED 30 MIN 1760 PSI, CHOKE FREEZING. FLOWED ON 16/64 CHOKE 45 MIN, STILL FREEZING IN CHOKE. OPENED TO 24/64 FLOWED 2 HRS 590 PSI, 7.4 BBLS WTR/HR, 2MMCFD
REDUCED CHOKE TO 20/64", FLOWED 1 HR 850 PSI, 3.6 BBLS WATER/HR, 2MMCFD
FLOWED 1 HR ON 16/64" CHOKE 1140 PSI, NO FLUID 1.67 MMCFD.
FLOWED 2 HRS ON 14/64" CHOKE 1320 PSI, NO FLUID, 1.335 MMCFD.
SHUT IN RD POOL WELL SERVICE. MOL.
STARTED SETTING PRODUCTION EQUIPMENT.

DAILY COSTS:

DAYWORK	1352
LOCATION	
TUBING	
CONSULTING	
CBL, PERF.	
LOGGING	
PACKERS	
CEMENTING	
WIRELINE	
WATER	
STIMULATION	
SLIPS	
RENTALS	133
CASING	
SUPERVISION	600
LABOR	
TOTAL DAILY	2085
COST FORWARD	321857
CUM. TO DATE	323942

ADDITIONAL COMMENTS:

ROSEWOOD RESOURCES**DAILY COMPLETION REPORT****LEASE: ROCKHOUSE****DATE: 7/22/97****CURRENT****DEPTH 5700****WELL NAME 21****ENGINEER****D. WIDNER**

PERFS 4842'-4850'
4510'-4514', 4490'-4500'

RBP 4747

PACKER 4450

EOT 4463

SICP 160 PSI, BLEW DOWN. SCHLUMBERGER PERF W/ 3 1/2 HI DENS HSC 4SPF 4510'-4514', 4490'-4500' HAD HARD BLOW OF GAS TO SURFACE. STARTED TOH W/ GUNS. HUNG UP AT 4126'. PUMPED 34 BBLs 3% KCL WTR DOWN CSG, PRESS UP TO 3000 PSI. GUN CAME FREE. TOH LD GUNS. PU, RIH W/ 4 1/2" GUIBERSON UNI VI PACKER W/ ON / OFF TOOL, OTIS XN PROFILE NIPPLE IN TOP, 4' TBG SUB, OTIS XN NIPPLE W/ 1.791 XN PLUG IN PLACE. SET PKR @ 4450', EOT @ 4463'. HAD 1700 PSI ON CSG WHEN PKR SET. BLEW CSG DOWN. TIH W/ ON OFF TOOL, 141 JTS 2 3/8 TBG, 2-10' TBG SUBS, 1 JT 2 3/8 TBG. ND BOP. LATCHED ONTO PKR @ 4450' LANDED HANGER BUSHING W/ 4 PTS COMPRESSION. NU TREE. RIH W/ SLICKLINE TO RET BLANKING PLUG. PULLED XN PLUG. HAD 1500 PSI @ SURFACE. OPENED ON 24/64 CK. FLOWED 1/2 HR W/ 440 PSI FTP UNLOADING KCL WTR. PUT ON 14/64 CHOKE. FLOWED 1/2 HR FTP BU TO 1100 PSI STILL CLEANING UP W/ HEAVY MIST OF LW. EST FLOW RATE @ 1100 MCFD ON 14/64" CHOKE SIFN.

DAILY COSTS:

DAYWORK	2100
LOCATION	
TUBING	
CONSULTING	
CSL, PERF.	4236
LOGGING	
PACKERS	6500
CEMENTING	
WIRELINE	1511
WATER	
STIMULATION	
SLIPS	
RENTALS	309
CASING	
SUPERVISION	600
LABOR	
TOTAL DAILY	15256
COST FORWARD	306601
CUM. TO DATE	321857

ADDITIONAL COMMENTS:

ROSEWOOD RESOURCES**DAILY COMPLETION REPORT**LEASE: **ROCKHOUSE**
WELL NAME **21**DATE: **7/21/97**

CURRENT

DEPTH **5700**

ENGINEER

D.WIDNERPERFS **4842'-4850'**RBP **4747**PACKER **none**

EOT

7/21/97

FTP 280 PSI ON 14/8" CHOKE. SICP 520 PSI. REC 3.3 BBLs WATER/HR. EST 250 MCFD. TR 480 BBLs OF 387 USED.
BLEW CSG + TBG DOWN, CIRC. HOLE W/ 3% KCL WATER. NO TREE. NU BOP. TOH W/ 10' BLAST JT.
152 JTS TBG, OTIS XN NIPPLE, NOTCHED TBG COLLAR. TIH W/ GUIBERSON UNI VI PKR W/ INDEX EQUALIZER VALVE +
152 JTS TBG, SET RBP @ 4747'. REL ON/OFF TOOL. POH W/ 1 JT TBG. CIRC HOLE W/ 3% KCL.
PRESS TEST RBP/CSG TO 2000 PSI. RIH W/ SWAB. SWABBED DOWN TO 3500' FS.
TOH W/ TBG + ON/OFF TOOL. WO SCHLUMBERGER. SIFN.

DAILY COSTS:

DAYWORK	2091
LOCATION	
TUBING	
CONSULTING	
CBL, PERF.	
LOGGING	
PACKERS	3700
CEMENTING	
WIRELINE	
WATER	480
STIMULATION	
SLIPS	
RENTALS	309
CASING	
SUPERVISION	600
LABOR	1100
TOTAL DAILY	8280
COST FORWARD	298321
CUM. TO DATE	306601

ADDITIONAL COMMENTS:

ROSEWOOD RESOURCES

DAILY COMPLETION REPORT

LEASE: ROCKHOUSE
WELL NAME 21

DATE: 7/18/97
7/19/97
7/20/97

CURRENT

DEPTH 5700

ENGINEER

D.WIDNER

PERFS 4842'-4850'

PACKER none
EOT 4757

7/18/97

FTP STEADILY DECLINED. FLOWING ON WO CHOKE @ 6:00 AM W/20 PSI FTP, 160 PSI SICP. REC 153 BBLS OVERNIGHT
STARTD SWABBING @ 10:30 AM. FL @ SURFACE. MADE 24 SWAB RUNS REC 113 BBLS WTR. ENDING FL 2200' FS.
TR ~~387~~ OF 387 USED. SICP BU TO 300 PSI. SIFN.
281

7/19/97

SITP 1300 PSI, SICP 1250 PSI OPENED ON 20/64 CHOKE. FLOWED 24 HRS FTP 200 PSI, SICP 460 PSI.
RECOVERING 4 - 8 BBLS WTR /HR.

7/20/97

FTP 180 PSI ON 20/64" CHOKE, 440 PSI SICP, REC AVG 5 BBLS WTR/HR. REC 150 BBLS IN PAST 24 HRS. TR ⁵¹⁶~~387~~ OF 387 USED
FLOWED 7 HRS ON 16/64 CHK FTP 220 PSI SICP 480 PSI, 4.7 BBLS/HR
CHANGED TO 14/64 CHOKE AT 2: PM W/ 280 PSI FTP, 520 PSI SICP,
REC AVG OF 1 TO 3 BBLS WTR/HR. EST 250 MCFD
LEFT FLOWING ON 14/64 CHOKE OVERNIGHT.

DAILY COSTS:

DAYWORK	1908
LOCATION	
TUBING	
CONSULTING	
CBL, PERF.	
LOGGING	
PACKERS	
CEMENTING	
WIRELINE	
WATER	
STIMULATION	
SLIPS	
RENTALS	309
CASING	
SUPERVISION	600
LABOR	1100
TOTAL DAILY	3917
COST FORWARD	294404
CUM. TO DATE	298321

ADDITIONAL COMMENTS:

ROSEWOOD RESOURCES**DAILY COMPLETION REPORT**LEASE: ROCKHOUSE
WELL NAME 21

DATE: 7/17/97

CURRENT

DEPTH 5700

ENGINEER

D. WIDNER

PERFS 4842'-4850'

PACKER none
EOT 4757

SITP 1660 PSI. OPENED ON 16/64 CHOKE. BLEW DOWN IN 1HR. RIH/SWAB. NO FLUID. PUT ON 14/64 FOR 45 MIN. FTP BU TO 50 PSI DRY GAS. BLEW DOWN. CIRC HOLE W/ 3% KCL WTR. TOH W/ TBG + PKR. CHANGE TBG HEAD. FROM 3000 PSI TO 5000 PSI. TIH W/ NOTCHED TBG COLLAR. OTIS XN NIPPLE 1.791 PROFILE+152 JTS 2 3/8" TBG+ 10' X 2 3/8" BLAST JT + HANGER BUSHING. EOT @ 4757. NU TREE.

BJ FRACED DOWN TBG + ANNULUS W/ 12300 GAL GEL 3 % KCL + 30000# 20/40 SAND RAMPED 2 - 6 PPG.

AVG RATE 14.5 BPM. ATP 3500 PSI. ISIP 2300 PSI TF TO REC 291 BBLs FROM FRAC+ 78 BB

BBLs LTR FROM BREAKDOWN = 387 BBLs TOTAL LOAD WATER. FRAC COMPLETE @ 6:00 PM.

LEFT WELL SI FOR 2 HRS. SITP 1240, SICP 1240. OPENED ON 14/64" CHOKE. FLOWED ON VARIOUS CHOKES OVERNIGHT FTP STEADILY DECLINED. FLOWING ON WO CHPKE @ 6:00 AM W/20 PSI FTP, 160 PSI SICP. REC 153 BBLs OVERNIGHT TOTAL LEFT TO RECOVER 234 BBLs.

DAILY COSTS:

DAYWORK	2100
LOCATION	
TUBING	895
CONSULTING	
CBL, PERF.	
LOGGING	
PACKERS	
CEMENTING	
WIRELINE	
WATER	2180
STIMULATION	20100
SLIPS	
RENTALS	309
CASING	
SUPERVISION	600
LABOR	1100
TOTAL DAILY	27284
COST FORWARD	267120
CUM. TO DATE	294404

ADDITIONAL COMMENTS:

ROSEWOOD RESOURCES

DAILY COMPLETION REPORT

LEASE: ROCKHOUSE
WELL NAME 21

DATE: 7/16/97

CURRENT

DEPTH 5700

ENGINEER D.WIDNER

PERFS 4842'-4850'

PACKER 4752'

SITP 1660 PSI. OPENED ON 16/64" CHOKE. BLEW DOWN IN 1 HR DRY GAS.
RIH W/ SWAB NO FLUID. BJ BROKE PERFS DOWN W/ 1000 GAL 3% KCL + 1 GAL NE940 +2 GAL LT 21.
PUMPED INTO PERFS @ 2200 PSI INC. RATE TO 3.6 BPM @ 3000 PSI. HAD BALL ACTION TO 3500 PSI.
SURGED BALLS OFF PERFS. ESTABLISHED INJECTION RATE OF 4.6 BPM @ 3500 PSI. ISIP 2200 PSI
FSIP 1830 PSI IN 15 MIN. TOTAL FLUID TO RECOVER 44 BBLs. BLEW DOWN ON 16/64" CHOKE.
SWABBED BACK 26 BBLs OF 44 USED WITH A CONSTANT HARD BLOW OF GAS.
PUT ON 14/64" CHOKE FOR 45 MIN. FTP BU TO 50 PSI. SIFN.

DAILY COSTS:

DAYWORK	1949
LOCATION	
TUBING	
CONSULTING	
CBL,PERF.	
LOGGING	
PACKERS	
CEMENTING	
WIRELINE	
WATER	
STIMULATION	2304
SLIPS	
RENTALS	183
CASING	
SUPERVISION	600
TOTAL DAILY	5036
COST FORWARD	262084
CUM.TO DATE	267120

ADDITIONAL COMMENTS:

ROSEWOOD RESOURCES

DAILY COMPLETION REPORT

LEASE: ROCKHOUSE
WELL NAME 21

DATE: 7/15/97

CURRENT

DEPTH 5700

ENGINEER

D.WIDNER

PERFS 4842'-4850'

PACKER 4752'

SICP 120 PSI. BLEW DOWN. TIH W/ ON/OFF TOOL+151JTS 2 3/8" TBG, 10' TBG SUB+ 1 JT TBG,HANGER BUSHING. SET IN 10 PTS COMPRESSION. NOTE: HANGER BUSHING IS CUT FOR BP VALVE. ND BOP. NU TREE. GOLDEN STATES WIRELINE RIH TO RETRIEVE XN PLUG. LATCHED UP BUT COULD NOT PULL. SHEARED OFF OF PLUG. RIH W/ SWAB. SWABBED DOWN TO 4400' FS. RIH W/ SLICKLINE LATCHED XN PLUG. PRESSURE EQUALIZED @ 620 PSI. PULLED PLUG. OPENED WELL ON WO CHOKE. BLEW DOWN DRY. RIH W/ SWAB FL SCATTERED GAS CUT. SWABBED DOWN DRY. MADE 1/2 HR RUN NO FLUID ENTRY. HAD CONSTANT HARD BLOW OF GAS. MADE 1 HR SWAB RUN REC 1/4 BBL KCL WATER. SIFN.

DAILY COSTS:

DAYWORK	1806
LOCATION	
TUBING	
CONSULTING	
CBL,PERF.	
LOGGING	
PACKERS	4997
CEMENTING	
WIRELINE	1552
WATER	
PRESS. TEST	
SLIPS	
RENTALS	279
CASING	
SUPERVISION	600
TOTAL DAILY	9234
COST FORWARD	252850
CUM.TO DATE	262084

ADDITIONAL COMMENTS:

ROSEWOOD RESOURCES

DAILY COMPLETION REPORT

LEASE: ROCKHOUSE DATE 7/14/97 CURRENT DEPTH 5700
WELL NAME 21
ENGINEER D.WIDNER

PERFS 4842-4850

PACKER 4752

SICP 220 PSI. BLEW DOWN. SCHLUMBERGER RAN CBL FROM PBTD OF 5015' TO SURFACE.
LOG INDICATED CEMENT WAS OK ACROSS ALL ZONES OF INTEREST. TOC 1ST STAGE @ 3230. TOC 2ND @ SURFACE.
TIH W/ GUIBERSON UNI VI PKR + 99 JTS TBG. SET PKR @ 3089
TO CHECK FOR POSSIBLE LEAK AT STAGE TOOL. PRESSURE TESTED TBG TO 2000 PSI FOR 15 MIN.
PRESSURE TESTED CASING TO 2000 PSI FOR 15 MIN. NO LEAKS FOUND. REL PKR SWABBED DOWN TO PKR.
TOH W/ TBG AND PKR. SCHLUMBERGER PERF W/ 3 1/2 HI DENS HSC 4842-4850 4 SPF 32 HOLES.
HAD STRONG BLOW OF GAS TO SURFACE. RIH W/ OTIS XN NIPPLE W/ OTIS 1.791 XN
PLACE, 5' TBG SUB, GUIBERSON UNI VI WIRELINE SET PKR W/ ON /OFF TOOL PROFILE. SET PKR @ 4752, EOT @ 4765.
CASING PRESSURE HAD BU TO 420 PSI. BLEW DOWN ON 32/64" CHOKE. SOFN.

DAILY COSTS:

DAYWORK	2391
LOCATION	
TUBING	
CONSULTING	
CBL, PERF.	6949
LOGGING	
PACKERS	4997
CEMENTING	
WELDER	
WATER	275
PRESS. TEST	
SLIPS	
RENTALS	573
CASING	
SUPERVISION	600
TOTAL DAILY	15785
COST FORWARD	237065
CUM. TO DATE	252850

ADDITIONAL COMMENTS:

ROSEWOOD RESOURCES

DAILY COMPLETION REPORT

LEASE: ROCKHOUSE
WELL NAME 21

DATE: 7/12/97

CURRENT

DEPTH 5700

ENGINEER

D. WIDNER

ACTIVITY PAST 24 HRS:

MIRU POOL WELL SERVICE ON 7/10/97.

PU 3 7/8" BIT, XOVER 4 1/2" CSG SCRAPER AND 1 3 1/8" DC. DROPPED IN THE HOLE.
TIH W/ 5 - 3 1/8" DC'S, 90 JTS 2 3/8" TBG SCREWED INTO FISH. TOH. LD BIT + 2 COLLARS.
TIH W/ NEW 3 7/8" BIT, XOVER, 4 DC'S + 92 JTS 2 3/8" TBG. TAGGED STAGE TOOL @ 3002'
CIRC HOLE PRESSURE TESTED CSG TO 2500 PSI, OK
DRILLED OUT STAGE TOOL, PRESSURE TESTED CSG TO 2500 PSI AGAIN,
PU 67 JTS 2 3/8" TBG TIH TO PBTD @ 5020'. CIRC. HOLE CLEAN W/ 70 BBLs 3% KCL WTR.
TOH. LD DC'S BIT AND SCRAPER. SIFN. PREP TO RUN CBL.

DAILY COSTS:

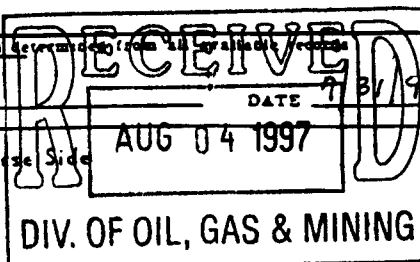
DAYWORK	2483
LOCATION	
TUBING	14550
CONSULTING	
CASING CREW	
LOGGING	
INSPECT DC'S	
CEMENTING	
WELDER	
WATER	757
PRESS. TEST	
SLIPS	
RENTALS	1911
CASING	
SUPERVISION	600
TOTAL DAILY	20301
COST FORWARD	216764
CUM. TO DATE	237065

ADDITIONAL COMMENTS:

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

WELL COMPLETION OR RECOMPLETION REPORT AND LOG						3. LEASE DESIGNATION AND SERIAL NO. UTU-0778	
						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
1. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____						7. UNIT AGREEMENT NAME Rockhouse Unit	
2. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. ACSTV. <input type="checkbox"/> Other _____						8. FARM OR LEASE NAME Rockhouse	
2. NAME OF OPERATOR Rosewood Resources Inc.						9. WELL NO. 21	
3. ADDRESS OF OPERATOR 100 Crescent Ct. Ste 500 Dallas Tx 75201 (214) 871-5723						10. FIELD AND POOL OR WILDCAT Rockhouse	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1581 FNL 1956 FNL (SE 1/4) 3E At top prod. interval reported below Same At total depth Same						11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA Sec. 11 T11S R23E	
14. API NO. 43-047-32891				DATE ISSUED 6/2/97		12. COUNTY Uintah	
						13. STATE Utah	
13. DATE SPUNDED 6/17/97		16. DATE T.D. REACHED 6/25/97		17. DATE COMPL. (Ready to prod.) 7/22/97 (Pine 4 1/2 in.)		18. ELEVATIONS (OF. SER. RT. CL. ETC.) 625630 KB5642	
19. ELEV. CASINGHEAD 5630							
20. TOTAL DEPTH, MD & TVD 5700		21. PLUG BACK T.D., MD & TVD 5015		22. IF MULTIPLE COMPL. HOW MANY		23. INTERVALS DEILLED BY 105700	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) Wasatch 4842-50 Wasatch 4440-4500, 4510-4514						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Array Induction, Density/Neutron 7-2-97						27. WAS WELL CORED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (See reverse side) DRILL STEM TEST YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (See reverse side)	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
8 5/8		24		307		12 1/4	
						CEMENTING RECORD	
						1463x6' 2% Cnd, 1/4" 3/8 cellophane	
						503x6' 2% Cnd to Surface	
4 1/2		11.6		5108		7 7/8	
		3 1/2 Age Tool		3006		7 7/8	
						5003x6' 10% Gyp, 10% Salt	
						3003x6' 3% Salt, 16% Cal, 5% 3/8 G. Sawite	
						AMOUNT POLLED	
						None	
						None	
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	4450	4450
31. PERFORATION RECORD (Interval, size and number) 4842-50 4HPF RBP @ 4747 4510-14 4HPF 4490-4500 4HPF				32. ACID, SHOT, FRACTURE CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 4842-50 12,300 gal. gelled 3% KCL 30,000 # 20/40 SD			
33. PRODUCTION							
DATE FIRST PRODUCTION 7/24/97		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flow				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 7/25/97	HOURS TESTED 24	CHOKE SIZE 14/64	PROD'N. FOR TEST PERIOD →	OIL—BSL —	GAS—MCF. 469 MCF	WATER—BSL 20.04	GAS-OIL RATIO —
FLOW, TUBING PRESS. 1370	CASING PRESSURE 740	CALCULATED 24-HOUR RATE →	OIL—BSL —	GAS—MCF. 469 MCF	WATER—BSL 20.04	OIL GRAVITY-API (CORR.) —	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS Daily Reports, Openhole logs						PERIOD EXPIRED	
36. I hereby certify that the foregoing and attached information is complete and correct as furnished to me by the operator.						DATE 7/31/97	
SIGNED Juan M. G. F. Jr.			TITLE Prod. Emgr.			DATE 7/31/97	

See Spaces for Additional Data on Reverse Side



INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachments.

ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or interval(s), bottom(s), top(s), and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

ITEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instruction for items 22 and 24 above).

37. SUMMARY OF POROUS ZONES:

Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

Formation	Top	Bottom	Description, contents, etc.	38. GEOLOGIC MARKERS		
Wasatch	3578	3609	Gas	Name Green Wasatch Mesa Verde	Meas. Depth Surface 3106 4997	Top True Vert. Depth
	4240	4245	Water & Gas			
	4492	4515	Gas			
	4846	4855	Gas & water			
Mesa Verde	5100	5170	Water			
	5250	5400	Water			

CONFIDENTIAL

CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reenter a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.
UTU-0778

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation
ROCK HOUSE UNIT

8. Well Name and No.
ROCK HOUSE UNIT #21

9. API Well No.
43-047-32891

10. Field and Pool, or Exploratory Area

11. County or Parish, State
UINTAH CO., UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
ROSEWOOD RESOURCES, INC.

3. Address and Telephone No.
P.O. Box 1668, Vernal, UT 435-789-0414

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1581' FNL 1956' FWL, SE/NW Section 11, T11S, R23E

12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

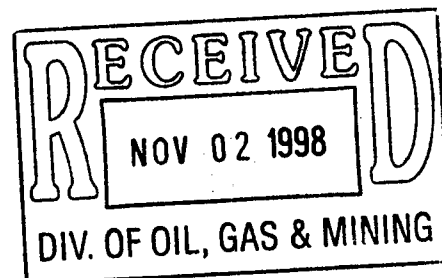
TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other _____
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☒ Dispose Water

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Produced water will be tanked on location and then trucked to the state approved TU & FRUM Disposal Facility located in Section 12, T5S, R19E, Uintah County. Produced water will be reported on the Monthly MMS-3160 form.



COPIES: ORIG. & 2-BLM; DIV. OG&M; J MCQUILLEN

14. I hereby certify that the foregoing is true and correct

Signed

[Signature]

Accepted by the

Title Administrative Assistant

Date 10/28/98

(This space for Federal or State office use)

Approved by

Utah Division of
Oil, Gas and Mining

Conditions of approval, if any:

Date

Federal Approval of this
Action is Necessary

FOR RECORD ONLY

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instructions on Reverse Side

RECEIVED
FORM 3160-4
(3/84 992)
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN ~~DUPLICATE~~*
(See other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

1. WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WORK

1b. TYPE OF WELL

WELL ☐ GAS WELL ☒ DRY ☐ Other _____
NEW WELL ☐ WORK OVER ☒ DEEP EN ☐ FLOW BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR

ROSEWOOD RESOURCES, INC.

3. ADDRESS AND TELEPHONE NO.

P. O. BOX 1668, VERNAL, UT 84078 435-789-0414

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*

At Surface

1581' FNL 1956' FWL SE/NW Sec. 11, T11S, R23E

At top prod. Interval reported below

At total depth

14. PERMIT NO.

UT080-7100-242-201

DATE ISSUED

6/2/97

7. UNIT AGREEMENT NAME

ROCK HOUSE UNIT

8. FARM OR LEASE NAME, WELL NO.

ROCK HOUSE UNIT #21

9. API WELL NO.

43-047-32891

10. FIELD AND POOL OR WILDCAT

ROCK HOUSE

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

SEC. 11, T11S, R23E
SLB & M

12. COUNTY OR PARISH

UINTAH

13. STATE

UTAH

15. DATE SPUDDED
6/17/97

16. DATE T.D. REACHED
6/25/97

17. DATE COMPL. (Ready to prod.)
WO - 6/7/99

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
5630' GL

19. ELEV. CASINGHEAD
5642' KB

20. TOTAL DEPTH, MD & TVD

MD

TVD

21. PLUG, BACK T.D., MD & TVD

CIBP

TD

4000'

22. IF MULTIPLE COMPL., HOW MANY*

TVD

23. INTERVALS

DRILLED BY

→

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

WASATCH 3590' - 3594'

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8 5/8" J-55	24#	307'	12-1/4"	
4-1/2" N-80	11.6#	5108'		

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	3506'	3460'

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size, and number)

INTERVAL SIZE NUMBER
3590' - 3594 0.37 16

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED
3590' - 94' Foam Frac w/27K 20/40 sand & 3906 gals fluid

33. PRODUCTION

DATE FIRST PRODUCTION 6/7/99 - WO	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 6/8/99 - WO	HOURS TESTED 24	CHOKE SIZE 18/64"
FLOW. TUBING PRESS. 1000#	PROD'N. FOR TEST PERIOD →	OIL-BBLS. 5
CASING PRESSURE PKR	GAS-MCF. 1591	WATER-BBL. 11
CALCULATED 24-HOUR RATE →	OIL-BBL. 5	GAS-MCF. 1591
	WATER-BBL. 11	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sales/fuel

TEST WITNESSED BY

Ivan Sadlier

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Lucy Neme

TITLE

ADMINISTRATIVE ASSISTANT

DATE

6/10/99

*(See Instructions and Spaces for Additional Data on Reverse Side)

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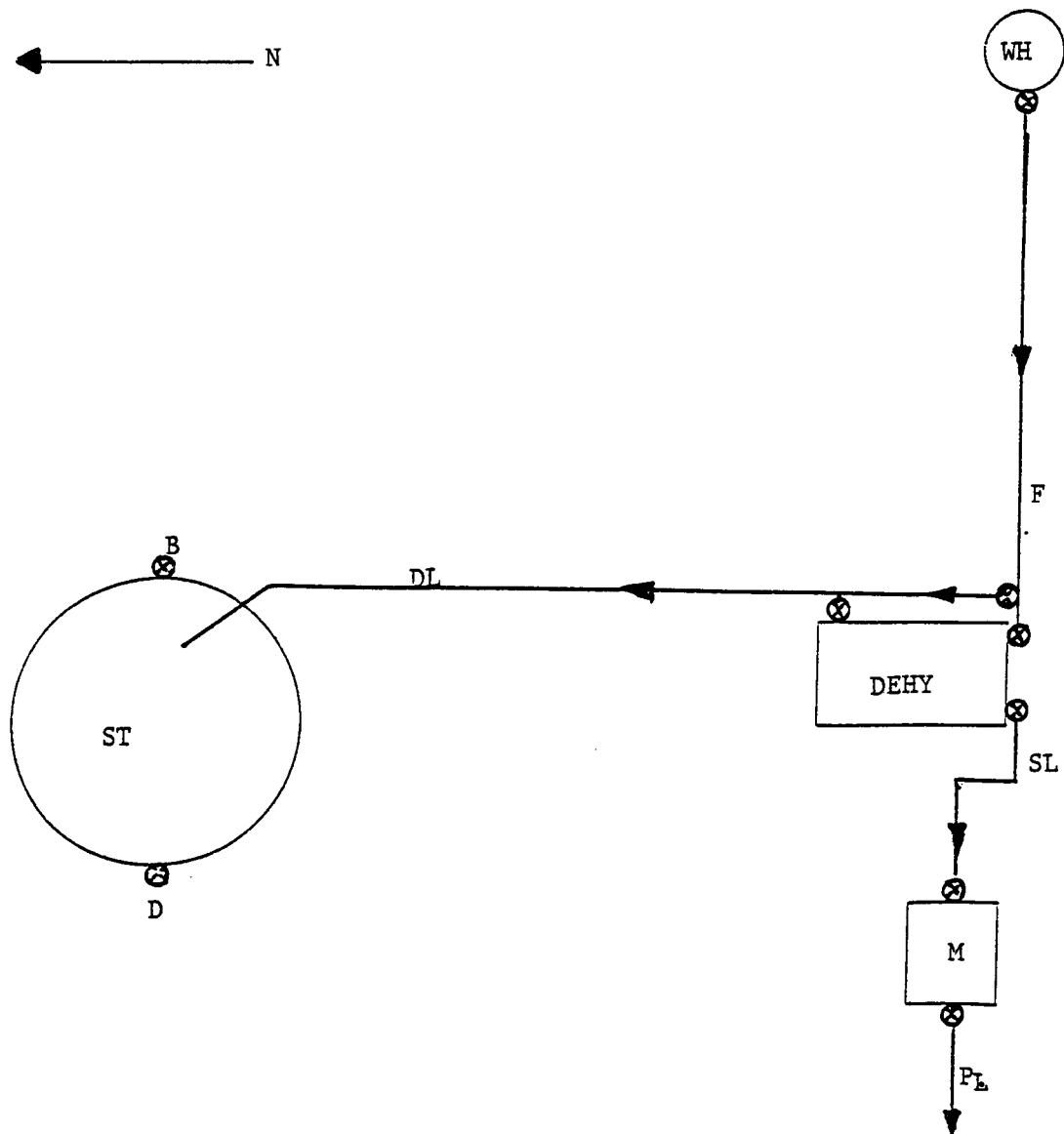
ROSEWOOD RESOURCES, INC.

VERNAL, UTAH

43.047.32891
ROCK HOUSE UNIT FEDERAL #21

ROCK HOUSE UNIT
AGREEMENT # UTU 63030C
SE/NW SEC. 11 T11S R23E
UINTAH COUNTY, UTAH

Site Security Plan is located
in the Vernal Office.



LEGEND

F	FLOWLINE
DL	DUMP/BLOWDOWN LINE
CL	CONDENSATE LINE
SL	SALES LINE
PL	WILDHORSE PIPELINE
WH	WELLHEAD
SEP	SEPARATER
ST	STORAGE TANK
WT	WATER TANK
⊗	VALVE
A ⊗	SEALED CL VALVE
B ⊗	SEALED SALES VALVE
D ⊗	SEALED DRAIN VALVE
M	GAS METER
PU	PUMPING UNIT
DEHY	GAS DEHYDRATER
COMP	GAS COMPRESSOR
C ⊗	EQUALIZER LINE

ATTACHMENT TO PRECEDING SITE FACILITY DIAGRAMS

General sealing of valves - sales are by tank gauging.

Production Phase: All drain valves (D) and sales valves (B) are sealed closed. The fill valve (A) and equalizer valve (C) are open and unsealed on the producing tank. The equalizer valve (C) on another tank is open and unsealed to allow production to flow to a spare tank in the event of an upset.

Sales Phase: The tank from which sales are being made will be isolated by sealing close the fill line (A), equalizer line (C), and drain valve (D) prior to shipping. After these valves are sealed closed, the top gauge will be taken. The sales valve (B) on the isolated sales tank will be broken and opened for sales. After sales, the sales valve (B) is sealed closed and the closing gauge is taken. The fill valve (A) and equalizer valve (C) seals are broken and the valves opened, when production is turned back into this tank.

Draining Phase: The tank being drained will be isolated by sealing closed the sales valve (B) and the other drain valves (D) on the other tanks. The top gauge will be taken prior to opening the drain valve (D). The water is drained off and the drain valve (D) is sealed closed and the top gauge is retaken.

<u>Sealed Valves</u>	<u>Producing</u>	<u>Shipping</u>	<u>Draining</u>
A-Fill Valve	open	closed	open
B-Shipping Valve	closed	open	closed
C-Equalizer Valve	open	closed	open
D-Drain Valve	closed	closed	open
E-Hot-oil Valve	closed	closed	closed